

Bumper Crop™ Grafted Tomatoes

Big Rainbow
Black Krim
Brandywine Pink
Brandywine Red
Mortgage Lifter
San Marzano

Burpee Home Gardens® Exclusives.

Growing On to Finish

IMPORTANT: Always plant the graft above the soil line.

Temperature

- Night: 62 to 65°F (17 to 18°C)
- Day: 65 to 70°F (18 to 21°C)

Light

Maintain high light levels while maintaining moderate temperatures.

Media

Use a well-drained, disease-free soilless medium with a medium initial nutrient charge and a pH of 5.5 to 6.2.

Fertilization

- Tomatoes respond to increased fertilization with increased growth.
- Earliest garden yield comes from plants which have not been stressed from insufficient nutrition.
- Fertilize every third irrigation with 15-0-15 or 15-5-15 at 100 to 150 ppm nitrogen.
- Maintain medium electrical conductivity around 1.0 mmhos/cm (using 1:2 extraction).

Controlling Height

- Once plants are rooted to the sides of the containers, they can be allowed to wilt prior to irrigation to provide some height control.
- Height can also be controlled by withholding fertilizer, especially phosphorous and ammonium-form nitrogen.
- Tomatoes are responsive to day/night temperature differential (DIF), and are shorter with a negative DIF.
- Although Sumagic is labeled for use on Tomatoes, we do not recommend its use until the grower has at least trialed it on a limited basis. Application rates, timing and variety response may affect growth for the home gardener.

Finish Time

5 to 6 weeks.

Post-Production Care

Temperature

- Tomatoes will tolerate warm temperatures, however temperatures below 70°F (21°C) are recommended during retail display.
- Optimum conditions may be difficult to maintain, especially if plants are displayed outside.

Light

Tomatoes grow best in full sun; however partial shading may be beneficial during retail display.

Common Problems

Insects: Aphids, Thrips, Whitefly

Diseases: *Botrytis*, TSWV (INSV), *Pythium*, *Rhizoctonia*

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